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"Cholesterol and Health" was first presented to two guests for the Third Quarter and Fourth Quarter 1977 issues of Applied Trophology's technical magazine, delivered to Standard Telephone subscribers. Dr. Diet's Smart Choice is a registered trademark.

"Cholesterol and Health"

"We fear things in proportion to our ignorance of them"

– Livy

In Health Matters Ignorance Is Not Bliss

The phrase "You are what you eat" is a simple statement of fact. In the practice of medicine, we have short-haul and others' complicated jobs for the physician's entire knowledge of medicine and healing. Having knowledge of medicine and healing. Having knowledge of medicine and healing. Having

Butter vs. Buttery Taste

Fresh butter made from the butterfat of the milk from grazing cows naturally contains the oil-soluble vitamins A, D, E and K. Usually, all are destroyed in the processing of the vegetable oils used in making margarine, nonfat vegetable shortenings, and in some ice creams. All are replaced by synthetic vitamins A and D in exactly the same proportion found in butter. The antihemorrhagic vitamin K and the antioxidant vitamin E are replaced with chemical antioxidants BHA, BHT, and other preservatives.

Nutritionally we do not believe that butter can be replaced by any imitation or substitute product. It doesn't make sense to substitute for a natural product made from the milk of various female animals and proved to be nutritionally valuable for thousands of years. Butter is a naturally balanced saturated-unsaturated soft fat food that liquefies at body temperature and is readily assimilated. It is simply made by separating the butterfat (cream) from whole raw milk, placing it in a churn with sufficient cold water to keep it moving as it is in some way mechanically agitated, until the ruptured fat globules adhere together. The watery milk liquor is poured off and is designated as buttermilk. The butter is then worked with a paddle to remove the excess water. The buttermilk is usually served as a drink so the small amount of calcium, protein, and lactic acid remaining in the liquor is not lost. As no heat was used, the butter contains all the nutritional components of raw milk. Dr. Lee often remarked that the content of vitamin E alone, in butter, was worth the difference in price between butter and the cheaper spreads.

At this time, especially in nutrition, you get less and less for your dollar so it pays to buy nutritionally proved products in order to stay healthy. It is also well to remember that as separate entities cholesterol and fats are vital to life. Any interference with their functions creates a maintenance hazard. Loss of the enzyme cholesterol esterase or the unassimilability of fats, due to processing, tends to increase the risk. As Dr. Weston Price so aptly stated: "Life in all its fullness is Mother Nature obeyed."

On the other hand, disobedience and trying to fool Mother Nature, as the inference in present advertising gimmicks, invites disease.

Coronary Heart Disease (CHD)

According to a 1970 chart stressing CHD deaths per ten thousand people between the ages of 45 and 54, *the degree of food processing and quality of food ingested is an important factor affecting the level of CHD.* Finland is rated first with 403 deaths per ten thousand and the United States second with 346 deaths per ten thousand. Both Finland and this country rate highest in the amount of processed food consumed. France ranked twelfth with 66 deaths, Spain thirteenth with 50 deaths and Japan fourteenth with 34 deaths per ten thousand. The latter three countries still use many natural products in their diet.

Scotland was rated third with 343 deaths per ten thousand, not because of a food problem but *because of the exceptionally soft water very low in calcium.* According to a report in the *Tohoku Journal of Experimental Medicine*, 86, pp. 51, 64, 1965, *calcium deficiency contributed to deformities of the heart and brain and a high mortality rate.* Scientists noted that in Japan and in parts of the United States, *both heart disease and stroke occurred more frequently in soft-water areas.* In this country an increasingly aggravating cause of calcium deficiency everywhere is the installation of water softeners in newer apartments, condominiums, and residences. *Connection should be made to the hot water system only, to prevent demineralization of the drinking water.*

In some instances the saline water softener salt has been found to neutralize the effects of a salt-free diet. It may be necessary to find a source of untreated spring or well water to furnish minerals and unpolluted complete antigens to stimulate the production of antibodies and react with them. Distilled water doesn't furnish anything, while chlorinated and/or fluoridated water could be carcinogenic. As we have supposedly become more civilized our food has progressively become more processed and our drinking water more contaminated with chemicals.

The vitamins in natural food are continually being destroyed and replaced by single synthetic vitamins that fail to complete the natural complex structure of a supportive nutrient. The continual rise in CHD deaths is blamed on excessive cholesterol, never on the loss of cholesterol and fat metabolizers due to processing. With less processed foods during the war years and generally a diet with less sugar, fats, and chemicals, CHD was not a problem. This would indicate that our present dietary is probably at fault. This could be the reason that CHD is now the chief cause of death of people at or below middle age. According to statistics, the trend continues downward to earlier ages. Therefore, it is doubtful that the present glut of oldsters, twenty-three million over age sixty-five, will continue to be a long-time problem. As children these people had more nourishing food to build stronger bodies to meet the present health challenges.

Unless radical changes are made in our present dietary fewer of the present generations will live long enough to become "golden agers." Also contributing to this present unhealthy cycle of the chemical age are polluted air, water, and some basic foods dyed with coal tar dyes and preserved with added chemicals whose long-term effects are generally unknown.

The Threat of Processed Foods

Even without the use of poison bleaches, the oxidation of essential oils and vitamins causes stale flour and other cereal products to be a menace to health. Hogs are generally conceded to be immune to most everything, including venomous snake bite, yet they are susceptible to pneumonia if fed ground cereal grains more than thirty days old. Now that the so-called Legionnaire's disease has been narrowed down to a type of pneumonia, perhaps stale bakery, rancid cooking fat, and/or salad oil could be a contributory factor. With the processed food industry in the saddle it is doubtful that we will ever find out.

Wherever introduced in the world, processed foods have caused the natives to suffer the same afflictions and causes of death to which most of us are subjected. For instance, not long after Arctic explorer Stefansson had introduced processed food products in the Eskimo villages, the inhabitants acquired some of our most prevalent illnesses. Years ago, when Dr. Albert Schweitzer set up his missionary hospital in Central Africa, cancer was unknown there. However, with the importation of processed foods the good doctor had to cope with this ailment. He firmly believed that stale cereal products, including white flour, were an underlying cause.

Now we find the Hunza people in this same category. We have often cited them as being some of the healthiest people in the world. Locked in a hidden fertile valley for probably centuries and living on natural foods and pure cold glacial water, they were active and working when well past the century mark. In late years a road has been cut through the mountains and their valley has become a tourist area.

Now, having adopted the sophisticated food brought in for the tourists, instead of their proven healthy food, many of the aged have become crippled, unable to work, and their lifespan substantially shortened. There are only a few areas in the world where unprocessed food and unpolluted water can now be found. One of these is the Georgian republic of Russia where presently, according to a late report, 19,000 people are healthy and happy although over 100 years of age. In comparison, a late report of our Public Health Service informs us that in the forty-five to fifty-four age bracket, thirty-three persons in every 1,000 have diabetes. The Georgian natives have been taught to have a simple healthy life, while we have been brainwashed to be simple-minded and unhealthy. Apparently, by ingesting more wholesome food we could arrest the incidence of the three leading early death threats, namely, heart and vascular disease, cancer, and diabetes.

> *Insidious propaganda is being constantly fed to us by people who profit by our failure to rigidly screen information as to its truth and soundness. Unless we are alert to the process, we accept many palpably fictitious statements as fact and allow ourselves to be swindled right and left, both as to our pocketbooks and as to our very life, health and existence.*

Inadequate?

As two cows were grazing near a highway, a huge tank truck of milk rumbled past with a sign, "Pasteurized, homogenized, standardized, vitamin D added," emblazoned on its side. One cow turned to the other and mooed: "Makes you feel sort of inadequate, doesn't it?"

—*West Community Bulletin*, quoted in *The Link*

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Applied Trophology, Vol. 22, No. 1 (First Quarter 1979) ›

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